

Form PTO-1449 SEP 07 2004 INFORMATION DISCLOSURE CITATION USE SEVERAL SHEETS IF NECESSARY PAGE 1 OF 1	DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 10/771,786	ATTY DOCKET NO. P4749.D1
	APPLICANT Osamu Miyazawa, et al.		
	FILING DATE February 4, 2004	GROUP 2841	

U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
70	AL 60-150757	7 Oct. 1985	Japan	11	11	No
1	AM 60-178677	12 Sept 1985	Japan	11	11	Abstract
1	AN 2-84078	26 Mar. 1990	Japan	11	11	Abstract
1	AO 3-1692	9 Jan 1991	Japan	11	11	No
1	AP 2-26282	29 Jan. 1990	Japan	11	11	Abstract
1	AQ 5-122955	18 May 1993	Japan	11	11	Abstract
1	AR 60-16180	26 Jan 1985	Japan	11	11	Abstract

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER MARK J. BUDD PRIMARY EXAMINER 807 UNIT 212	DATE CONSIDERED 11-22-04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY) PAGE 1 OF 1	SERIAL NO. 10/771,786	ATTY DOCKET NO. P4749.D1
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U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
MA	AA 5,162,692	Nov. 10, 1992	Fujimura			
MB	AB 4,232,510	11 Nov. 1980	Tamaru et al.			
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
MB	AI 25 30 045	5 Feb. 1976	DE			
	AJ 39 20 726	4 Jan. 1990	DE			Corresponds to US 5,162,692
	AK 33 09 239	20 Sept. 1984	DE			
	AL 0 731 514	11 Sept. 1996	EP			Corresponds to US 4,232,519
	AM 14 88 698	19 June 1969	DE			
	AN 38 33 342	5 Apr. 1990	DE			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

MB	AO	Anger H H: "Piezokeramische Vibromotoren", FEINGERAETETECHNIK, 1983, East Germany, vol. 32, no. 10, pages 470-473, XP001181520, ISSN: 0014-9683
MB	AP	K. Nishibori, et al., "PWM Driving Characteristics of Robot Hand with Fingers Using Vibration-Type Ultrasonic Motors" Proceedings of the IECON '97: 23 rd International Conference on Industrial Electronics, Control, And Instrumentation, New Orleans, LA, 1997
EXAMINER		DATE CONSIDERED

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DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICESERIAL NO.
10/771,786ATTY DOCKET NO.
P4749.D1INFORMATION DISCLOSURE CITATION
(USE SEVERAL SHEETS IF NECESSARY)

PAGE 1 OF 1

APPLICANT

Osamu Miyazawa, et al.

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February 4, 2004

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U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA					
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	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
7B	AL 5-308786	19 Nov. 1993	Japan			Yes
7B	AM 3-145977	21 June 1991	Japan			Abstract
	AN					
	AO					
	AP					
	AQ					

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	
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EXAMINER	MARK O. BUDD PRIMARY EXAMINER	DATE CONSIDERED 11-22-04

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